

## PATENT ABSTRACTS OF JAPAN

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(54) SPEECH RECOGNITION DEVICE

(57)Abstract:

**PURPOSE:** To reduce the calculation quantity while securing the recognition performance by narrowing down word candidates previously by collation arithmetic, and then collating the narraowed-down candidates by using data which are not thinned out.

## CONSTITUTION: A 2nd collation/decision part 12

collates parameters and word standard patterns stored in a parameter storage part 10 as to word candidates and a collation section without a thinning-out process while an end point is fixed and then outputs the word candidate which gives the best collation result as a recognition result. The collation section supplied to the

2nd collation/ decision part 12 is made longer than an

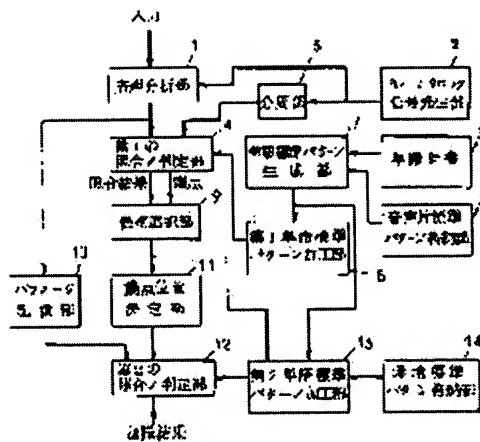
actual speech section, so the word standard parameters

used for the collation are used after performing a processing for connecting an environment

standard pattern stored in an environment standard pattern storage part 14 to both ends of

the word standard pattern obtained by a word standard pattern generation part 7 is performed

by a 2nd word standard pattern processing part 13.



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